442P104

PTO/SB/17 (10-08) Approved for use through 06/30/2010. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it displays a valid OMB control number Complete if Known Effective on 12/08/2004. A TO TO THE OF

180.00

TOTAL AMOUNT OF PAYMENT (\$)

rees Sysuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).	Application Number	10/593,920
🎢 FEE TRANSMITTAL	Filing Date	September 22, 2006
For FY 2009	First Named Inventor	Satoshi Tanabe
Applicant claims small entity status. See 37 CFR 1.27	Examiner Name	Brown, Courtney A.
Applicant claims small entity status. See 37 CFR 1.27	Art Unit	1616

Attorney Docket No.

Check									
Poposit Account Deposit Account Namer Nields, Lemack&Frame, LLC	METHOD OF PAYMENT (check all that apply)								
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) Charge fee(s) indicated below Charge fee(s) indicated below. Charge fee(s) indicated below, except for the filing fee Charge any additional fee(s) or underpayments of fee(s) Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below, except for the filing fee Credit any overpayments Fee Calculation feed to reduce a filing fee indicated below, except for the filing fee Examination and the subministion should not be included on this form. Provide credit card information should not be included on this form reduced and this fee fee fee fee (s) fee (
Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee Charge any additional fee(s) or underpayments of fee(s) Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below, except for the filing fee Charge fee(s) or underpayments Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below, except for the filing fee fee fee fee filing fee fee fee fee fee fee fee fee fee fe									
Charge any additional fee(s) or underpayments of fee(s) Variation of the fee of the feet and information about not be included on this form. Provide credit card information and authorization on PTO-2038. FEE CALCULATION 1. BASIC FILING, SEARCH, AND EXAMINATION FEES FILING FEES Small Entity Application Type Fee (s) Fee Paid (s) Fee Paid (s) Fee (s) Fee Paid (s) Fee Paid (s) Fee Paid (s) Fee (s) Fee Paid (s) Fee (s) Fee Paid Paid (s)	For the above-identi	fied deposit	account, the Dire	ector is hereb	y authorized to	: (check all th	at apply)		
Charge any additional fee(s) or underpayments of fee(s) WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. FEE CALCULATION 1. BASIC FILING, SEARCH, AND EXAMINATION FEES FILING FEES Small Entity Fee (s)	Charge fee(s)	indicated be	elow		Charg	ge fee(s) indic	ated below, exce	ept for the filing fee	
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. FEE CALCULATION	Charge any a	dditional fee	(s) or underpayn	nents of fee(s		, , ,			
Test				dit card inform	ш	, , ,		wide credit card	
Application Type				cuit caru imori	nation should n	ot be ilicidaed	on this form. Pro	vide credit card	
Application Type	FEE CALCULATION								
Application Type	1. BASIC FILING, SEAF	RCH, AND	EXAMINATIO	N FEES					
Utility 330 165 540 270 220 110 110 220 110 220 110 220 110 330 165 170 85 220 110 330 165 170 85 220 220 110 330 165 170 85 220 220 110 330 165 170 85 220	,								
Utility 330 165 540 270 220 110	Application Type			Fee (\$)		Fee (\$)		Fees Paid (\$)	
Design 220 110 100 50 140 70	Utility	330				220			
Plant	Design	220	110	100		140			
Reissue 330 165 540 270 650 325		220	110			170			
Provisional 220 110 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			+						
2. EXCESS CLAIM FEES Fee Description Each claim over 20 (including Reissues) Each independent claim over 3 (including Reissues) Each independent claims Fee (\$) Fee (\$) Each independent claim over 3 (including Reissues) Multiple dependent claims Total Claims Extra Claims Fee (\$) Fee Paid (\$) HP = highest number of total claims paid for, if greater than 20. Indep. Claims Extra Claims Fee (\$) Fee Paid (\$) HP = highest number of independent claims paid for, if greater than 3. 3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$270 (\$135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Total Sheets Extra Sheets Number of each additional 50 or fraction thereof sheets - 100 = -100 = /50 = (round up to a whole number) Fee (\$) Fee Paid (525		
Fee (\$) Fee (\$) Fee (\$)			110	U	U	U	-	Small Entity	
Each independent claim over 3 (including Reissues) Multiple dependent claims Total Claims Extra Claims Fee (\$) Fee Paid (\$) HP = highest number of total claims paid for, if greater than 20. Indep. Claims Extra Claims Fee (\$) Fee Paid (\$) Indep. Claims Extra Claims Fee (\$) Fee Paid (\$) Fee Paid (\$) The highest number of independent claims paid for, if greater than 3. 3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$270 (\$135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$) Fee Paid (\$) Fee Paid (\$) Total Sheets Fee Paid (\$) Fees Paid (\$) Fees Paid (\$) Other (e.g., late filing surcharge): IDS Filing Fee		.5							
Multiple dependent claims Total Claims Extra Claims Fee (\$) Fee Paid (\$) Multiple Dependent Claims Fee (\$) Fee Paid (\$) HP = highest number of total claims paid for, if greater than 20. Indep. Claims Extra Claims Fee (\$) Fee Paid (\$) Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$) Sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)									
Total Claims Extra Claims Fee (\$) Fee Paid (\$) Multiple Dependent Claims Fee (\$) Fee Paid (\$) HP = highest number of total claims paid for, if greater than 20. Indep. Claims Extra Claims Fee (\$) Fee Paid (\$) - 3 or HP =			including Reis	ssues)					
- 20 or HP =			ma Faa(\$)	Fee D	a:al (6\		0,0		
HP = highest number of total claims paid for, if greater than 20. Indep. Claims Extra Claims Fee (\$) Fee Paid (\$) -3 or HP = x = HP = highest number of independent claims paid for, if greater than 3. 3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$270 (\$135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Total Sheets Extra Sheets Number of each additional 50 or fraction thereof - 100 = /50 = (round up to a whole number) x = 4. OTHER FEE(S) Non-English Specification, \$130 fee (no small entity discount) Other (e.g., late filing surcharge): IDS Filing Fee \$180.00				<u>ree P</u>	aid (\$)				
- 3 or HP = x = = HP = highest number of independent claims paid for, if greater than 3. 3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$270 (\$135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Total Sheets	HP = highest number of total	claims paid fo	or, if greater than 2	0.					
HP = highest number of independent claims paid for, if greater than 3. 3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$270 (\$135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Total Sheets									
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$270 (\$135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Total Sheets									
listings under 37 CFR 1.52(e)), the application size fee due is \$270 (\$135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Total Sheets Extra Sheets Number of each additional 50 or fraction thereof - 100 = /50 = (round up to a whole number) x Fee (\$) Fee Paid (\$) Non-English Specification, \$130 fee (no small entity discount) Other (e.g., late filing surcharge): IDS Filing Fee \$180.00	3. APPLICATION SIZE FEE								
sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Total Sheets Extra Sheets Number of each additional 50 or fraction thereof - 100 =									
4. OTHER FEE(S) Non-English Specification, \$130 fee (no small entity discount) Other (e.g., late filing surcharge): IDS Filing Fee [Fees Paid (\$)] \$180.00	sheets or fraction thereof. See 35 ILS C 41(a)(1)(G) and 37 CFR 1.16(s)								
4. OTHER FEE(S) Non-English Specification, \$130 fee (no small entity discount) Other (e.g., late filing surcharge): IDS Filing Fee \$180.00	Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)								
Non-English Specification, \$130 fee (no small entity discount) Other (e.g., late filing surcharge): IDS Filing Fee \$180.00									
								Fees Paid (\$)	
SUBMITTED BY	Other (e.g., late filing	g surcharge): <u>IDS Filing Fee</u>)				\$180.00	
	SUBMITTED BY					-			

Registration No. 32,579 Telephone 508-898-1818 Signature (Attorney/Agent) Name (Print/Type) Kevin S. Lemack Date September 17, 2009

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.